

# National Healthcare Agreement: P04-Incidence of selected cancers, 2010

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# National Healthcare Agreement: P04-Incidence of selected cancers, 2010

## Identifying and definitional attributes

|                                |                                                                                                                                             |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Metadata item type:</b>     | Indicator                                                                                                                                   |
| <b>Indicator type:</b>         | Indicator                                                                                                                                   |
| <b>Short name:</b>             | Incidence of selected cancers, 2010                                                                                                         |
| <b>METEOR identifier:</b>      | 393532                                                                                                                                      |
| <b>Registration status:</b>    | <a href="#">Health</a> , Superseded 08/06/2011                                                                                              |
| <b>Description:</b>            | Incidence of selected cancers of public health importance.                                                                                  |
| <b>Indicator set:</b>          | <a href="#">National Healthcare Agreement (2010)</a><br><a href="#">Health</a> , Superseded 08/06/2011                                      |
| <b>Outcome area:</b>           | <a href="#">Prevention</a><br><a href="#">Health</a> , Standard 07/07/2010                                                                  |
| <b>Data quality statement:</b> | <a href="#">National Healthcare Agreement: P04-Incidence of selected cancers, 2010 QS</a><br><a href="#">Health</a> , Superseded 08/06/2011 |

## Collection and usage attributes

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Computation description:</b> | <p>Selected cancers of public health importance are: melanoma of the skin, bowel cancer, lung cancer, cervical cancer and breast cancer diagnosed in females.</p> <p>For melanoma, bowel cancer and lung cancer, the numerator is the number of new primary cases diagnosed in the Australian population in the reported year. The denominator is the total Australian population for the same year.</p> <p>For cervical and breast cancer in females, the numerator is the number of new primary cases diagnosed in the Australian female population in the reported year. The denominator is the total Australian female population for the same year.</p> <p>Calculation is <math>100,000 \times (\text{Numerator} \div \text{Denominator})</math>, calculated separately for each type of cancer, presented as a rate per 100,000 and age-standardised to the Australian population as at 30 June 2001, using 5-year age groups from 0-4 years to 85+ years. Indigenous disaggregations were standardised using 0-4 years to 75+ years due to small populations at older ages in some jurisdictions.</p> <p>Rates are directly age-standardised to the Australian population as at 30 June 2001.</p> |
| <b>Computation:</b>             | <p><math>100,000 \times (\text{Numerator} \div \text{Denominator})</math></p> <p>Calculated separately for each type of cancer.</p> <p>Presented per 100,000 population.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Numerator:</b>               | <p>For melanoma, bowel and lung cancer: Number of new cases diagnosed in the reported year</p> <p>For cervical and breast cancer in females: Number of new cases diagnosed in females in the reported year</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

**Numerator data elements:**

**Data Element / Data Set**

[Patient—diagnosis date \(cancer\), DDMMYYYY](#)

**Data Source**

[Australian Cancer Database](#)

**Guide for use**

Data source: Administrative by-product data

**Data Element / Data Set**

[Person—person identifier, XXXXXX\[X\(14\)\]](#)

**Data Source**

[Australian Cancer Database](#)

**Guide for use**

Data source: Administrative by-product data

**Data Element / Data Set**

[Episode of care—additional diagnosis, code \(ICD-10-AM 7th edn\) ANN{.N\[N\]}](#)

**Data Source**

[Australian Cancer Database](#)

**Guide for use**

Data source: Administrative by-product data

**Data Element / Data Set**

[Episode of care—principal diagnosis, code \(ICD-10-AM 7th edn\) ANN{.N\[N\]}](#)

**Data Source**

[Australian Cancer Database](#)

**Guide for use**

Data source: Administrative by-product data

**Denominator:**

For melanoma, bowel and lung cancer: Total population  
For cervical and breast cancer in females: Total female population

**Denominator data elements:**

**Data Element / Data Set**

Person—estimated resident population of Australia

**Data Source**

[ABS Estimated resident population \(total population\)](#)

**Guide for use**

Data source type: Census-based plus administrative by-product data

**Data Element / Data Set**

Person—estimated resident population of Australia

**Data Source**

[ABS Indigenous experimental estimates and projections \(2001 Census-based\)](#)

**Guide for use**

Data source type: Census-based plus administrative by-product data

**Data Element / Data Set**

[Person—sex, code N](#)

**Data Source**

[ABS Estimated resident population \(total population\)](#)

**Guide for use**

Data source type: Census-based plus administrative by-product data

**Data Element / Data Set**

[Person—sex, code N](#)

**Data Source**

[ABS Indigenous experimental estimates and projections \(2001 Census-based\)](#)

**Guide for use**

Data source type: Census-based plus administrative by-product data

## Disaggregation data elements:

### Data Element / Data Set

[Person \(address\)—Australian postcode, code \(Postcode datafile\) {NNNN}](#)

#### Data Source

[Australian Cancer Database](#)

#### Guide for use

Data source: Administrative by-product data  
Used for disaggregation by state/territory, remoteness area and SEIFA of residence

### Data Element / Data Set

[Person—Indigenous status, code N](#)

#### Data Source

[Australian Cancer Database](#)

#### Guide for use

Data source: Administrative by-product data

## Comments:

Specified disaggregation: Nationally and by state/territory: sex, Indigenous status, remoteness area and SEIFA of residence.

Available disaggregation: Nationally and by state/territory: Indigenous status, remoteness area and SEIFA of residence.

Data for 2007 will be available in 2011.

Most recent data available for 2010 CRC baseline report: 2006.

## Representational attributes

|                              |              |
|------------------------------|--------------|
| <b>Representation class:</b> | Incidence    |
| <b>Data type:</b>            | Real         |
| <b>Unit of measure:</b>      | Disease type |
| <b>Format:</b>               | N[NN].N      |

## Indicator conceptual framework

|                                  |                                   |
|----------------------------------|-----------------------------------|
| <b>Framework and dimensions:</b> | <a href="#">Health conditions</a> |
|----------------------------------|-----------------------------------|

## Data source attributes

**Data sources:****Data Source**

[ABS Estimated resident population \(total population\)](#)

**Frequency**

Quarterly

**Data quality statement**

[ABS Estimated resident population \(total population\), QS](#)

**Data custodian**

Australian Bureau of Statistics

**Data Source**

[Australian Cancer Database](#)

**Frequency**

Annual

**Data custodian**

Australian Institute of Health and Welfare

**Data Source**

[ABS Indigenous experimental estimates and projections \(2001 Census-based\)](#)

**Frequency**

Periodic

**Data quality statement**

[ABS Indigenous experimental estimates and projections, QS](#)

**Data custodian**

Australian Bureau of Statistics

## Accountability attributes

**Reporting requirements:** National Healthcare Agreement

**Organisation responsible for providing data:** Australian Institute of Health and Welfare

**Further data development / collection required:** Specification: Long-term  
The quality of Indigenous identification varies by jurisdiction and will require improvement to enable robust reporting.

**Other issues caveats:** The quality of Indigenous identification varies between jurisdictions. National disaggregation by Indigenous status is based on jurisdictions with adequate data quality.

Remoteness area and SEIFA of residence are based on postcode of residential address at the time of diagnosis.

Disaggregation by Indigenous status, remoteness area and SEIFA of residence within individual states/territories is subject to data quality considerations.

Some disaggregations could result in numbers too small for publication.

## Relational attributes

### Related metadata references:

Has been superseded by [National Healthcare Agreement: P104-Incidence of selected cancers, 2011](#)

[Health](#), Superseded 30/10/2011

See also [National Healthcare Agreement: P10-Breast cancer screening rates, 2010](#)

[Health](#), Superseded 08/06/2011

See also [National Healthcare Agreement: P11-Cervical screening rates, 2010](#)

[Health](#), Superseded 08/06/2011

See also [National Healthcare Agreement: P12-Bowel cancer screening rates, 2010](#)

[Health](#), Superseded 08/06/2011